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CONFIDENTIAL

17 August 1951

Chief, F.D.Z.

Director of Communications

Characteristics of Captured Soviet Radio Set

*2nd.
Soviet
Equip*

REFERENCE: Request for Evaluation, 22 May 1951

1. This radio set is a duplicate of a set that has been in the Laboratory of Commo since World War II. It is not known when the first set of this type came into the hands of Agency personnel, but it is certain that this radio is not a recent Soviet development.

2. The technical features of this set are described in the report attached. In view of the estimated power output and the frequency range of the set, a reliable range of about 300 to 500 miles would be normal.

3. The versatility of this equipment is of a very low order. It was designed to do one job in one way only. For instance, there is only one source of power -- batteries. Judging from available space in the container, the operator is left to his own devices for a source of battery power.

4. Yes, this is a "mass produced" set. From examination of the three models available, it is easily seen that production line techniques have been used in the manufacture of this equipment.

5. The durability of this equipment is adequate for normal field usage. No thought has been given to extra protection for air drop or other conditions requiring extra durability.

6. The amount of training to become proficient in the use of this type of equipment varies more with difficulty in verbal communication and amount of previous training than it does with differences in equipment. It is, therefore, concluded that the training required is "normal", i.e., there are neither outstanding difficulties nor obvious shortcuts.

7. The set is being delivered to T.G.S. as requested.

FOR THE ACTING DIRECTOR OF COMMUNICATIONS:

EIM/den

Attachment

cc: Eng.

Dev.

OPS

FDZ

TGS

Reading

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